

File 352:Derwent WPI 1963-2001/UD,UM &UP=200160  
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72 Updates in 2001. Please see HELP NEWS 352 for details.

Set	Items	Description
?S	PN=JP 3287880	
S1	1	PN=JP 3287880
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DIALOG (R) File 352:Derwent WPI  
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WPI Acc No: 1992-044614/199206  
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Leather-like sheet e.g. for shoe instep - comprises base material of elastic polymer in fibre assembly and covering layer of elastic polymer  
Patent Assignee: KURARAY CO LTD (KURS )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 3287880	A	19911218	JP 9085408	A	19900330	199206 B
JP 2809804	B2	19981015	JP 9085408	A	19900330	199846

Priority Applications (No Type Date) : JP 9085408 A 19900330

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 3287880	A	7		
JP 2809804	B2	6	D06N-003/14	Previous Publ. patent JP 3287880

Abstract (Basic) : JP 3287880 A

The sheet comprises a base material layer contg. a polymer having elastic as main constituent in fibre assembly and a covering layer of polymer contg. elastic polymer. The surface of the covering layer consists of laminate of layer of collagen powders having non-fibrous and less than 10 microns average particle dia. and 0.1-0.3 g/cm<sup>3</sup> apparent bulk density and polymer having polyurethane as main constituent, and a layer of polyurethane and/or modacrylic resin, oils and fats and casein.

USE/ADVANTAGE - The sheet is useful for an instep of shoes of sports shoes, men's shoes etc., bags, clothing, gloves etc. The sheet has small restitution touch, flexible, slimy feeling of surface, and good scratch resistance, abrasion resistance and breaking strength of the surface layer. (7pp Dwg.No.0/0)

Title Terms: LEATHER; SHEET; SHOE; INSTEP; COMPRISE; BASE; MATERIAL; ELASTIC; POLYMER; FIBRE; ASSEMBLE; COVER; LAYER; ELASTIC; POLYMER  
Derwent Class: A18; A25; A82; F08; P73

International Patent Class (Main) : D06N-003/14

International Patent Class (Additional) : B32B-027/40; D06N-003/08

File Segment: CPI; EngPI

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